

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/811,162

DATE: 08/09/2001
TIME: 13:15:17

Input Set : A:\PTO_VSK.txt
Output Set: N:\CRF3\08092001\I811162.raw

ENTERED

3 <110> APPLICANT: Martins-Green, Manuela
4 Feugate, Jo Ellen
5 Li, QiJing
7 <120> TITLE OF INVENTION: Chemokines and Methods for Inducing the Differentiation of Fibroblasts to
8 Myofibroblasts
10 <130> FILE REFERENCE: 407E-000500US
12 <140> CURRENT APPLICATION NUMBER: US 09/811,162
C--> 13 <141> CURRENT FILING DATE: 2001-07-30
15 <160> NUMBER OF SEQ ID NOS: 13
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 1182
21 <212> TYPE: DNA
22 <213> ORGANISM: Gallusgallus
24 <220> FEATURE:
25 <221> NAME/KEY: Unsure
26 <222> LOCATION: (1)..(2)
27 <223> OTHER INFORMATION: "n" is unsure
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35 cagctgctct gtgcgaaggt aggacgctgg taaagatggg gaatgagctg cggtgccagt 180
37 gcattagcac tcattctaag ttcatccacc ctaaatccat tcaagatgtg aagctgacgc 240
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41 tgtgcttggc ccccactgct ccctgggtac agctgatcgtaaaggcactt atggccaagg 360
43 ctcagctcaa ttctgatgca ccactgtgag aaaatccag acaggaaaaaa tcctcagaac 420
45 tgctcctgtat ttctactggg agaaaacatcc gaagaaggca tcatgaagca ttccatcttc 480
47 caccttccac atcgggtgcct catgttaatt gcagatcctt gtatctattt atttattttat 540
49 ttaactgcat gtatttaaaa aagtctttca taatgttcag tgctgtgggat ttcactgtcc 600
51 agtggaaactg aagacactga atagcaaaag ggcttgctag gggaaatgaa gatcccttgg 660
53 aagccacttc agtcagacac aatcagttaa gtgcaatgca cttacagcac agcttgtttg 720
55 tattaagccc tactgttttg ctattacagc agcaaactgg taattcctcc tgctcccctg 780
57 gagtgctcta gtatgttttg tcaacaacag tttccttagtc agagtcagct catggcact 840
59 gcagactgtg tttaaaaactt cagaaatcta acctgcagaa tctgtaaagac tgggggtttg 900
61 gtattttatta tgatttccat ggtatttata aatataattta ttacttagtt tctataacaag 960
63 atggaaggag atgataactt gtgttaattt tactggattt tctgttctta atgatgaata 1020
65 cttaagaaac attcacatac ccattactct gcataaggac ttgggttctat gtctaatacg 1080
67 ttagttattc agctaattgga aaaaaaaacta cagcatgcat acacagaatt tgcttgtgag 1140
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73 <211> LENGTH: 86
74 <212> TYPE: PRT
75 <213> ORGANISM: Gallusgallus
77 <400> SEQUENCE: 2
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80 1 5 10 15
82 Gln Cys Ile Ser Thr His Ser Lys Phe Ile His Pro Lys Ser Ile Gln

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83 20 25 30
 85 Asp Val Lys Leu Thr Pro Ser Gly Pro His Cys Lys Asn Val Glu Ile
 86 35 40 45
 88 Ile Ala Thr Leu Lys Asp Gly Arg Glu Val Cys Leu Asp Pro Thr Ala
 89 50 55 60
 91 Pro Trp Val Gln Leu Ile Val Lys Ala Leu Met Ala Lys Ala Gln Leu
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 107 ctgcagctct gtgtgaaggt gcagtttgc caaggagtgc taaagaactt agatgtca
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 111 agagtggacc acactgcgcc aacacagaaa ttattgtaaa gctttctgtat ggaagaga
 113 tctgtctgga ccccaaggaa aactgggtgc agagggttgt ggagaagttt ttgaagaa
 115 ctgagaattc ataaaaaaat tcattctctg tggtatccaa gaatcgtga agatgcc
 117 gaaacttcaa gcaaacttac ttcaacactt catgtattgt gtgggtctgt tggtaggg
 119 ccagatgcaa tacaagattc ctggtaaat ttgaatttca gtaaacaatg aataatgt
 121 cattgtacca taaaatcc agaacatact tataatgtaaa gtattattttt ttgaat
 123 caaaaaacaa caaataattt taaaatataa ggattttcct agatattgca cgggagaa
 125 tacaatagc aaaattgggg ccaaggccca agagaatatc cgaactttaa ttccagg
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 133 atttctaagt gaaaaatgtt ttagccacca tcttacatca cagtgtatgtt gtggagg
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 139 tagaagatga atcattgtt gaatagttt aaagatgtt tagtaaattt attttat
 141 agatattaaa tggatgtttt ttagataaat ttcaatcagg gtttttagat taaaacaa
 143 aacaattggg taccctgtt aattttcatt tcagataaaac aacaataat ttttttag
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 147 agtcttgc tttccagctg tttggtagt gctgtgttga attacggaaat aatgagtt
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 153 aaggctttat atttttaact ttaagatgtt ttatgtgtct ctccaaattt tttttact
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 163 <213> ORGANISM: Homosapiens
 165 <400> SEQUENCE: 4 1 2 3 4 5 6 7 8 9 10
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163 <213> ORGANISM: Homosapiens 5 6 7 8 9 10
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167 Ala Val Leu Pro Arg Ser Ala Lys Glu Leu Arg Cys Gln Cys Ile Lys
168 1 5 10 11 12 13 15

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170 Thr Tyr Ser Lys Pro Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val
171 20 25 30
173 Ile Glu Ser Gly Pro His Cys Ala Asn Thr Glu Ile Ile Val Lys Leu
174 35 40 45
176 Ser Asp Gly Arg Glu Leu Cys Leu Asp Pro Lys Glu Asn Trp Val Gln
177 50 55 60
179 Arg Val Val Glu Lys Phe Leu Lys Arg Ala Glu Asn Ser
180 65 70 75
182 <210> SEQ ID NO: 5
183 <211> LENGTH: 72
184 <212> TYPE: PRT
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187 <400> SEQUENCE: 5
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192 Phe His Pro Lys Phe Ile Lys Glu Leu Arg Val Ile Glu Ser Gly Pro
193 20 25 30
195 His Cys Ala Asn Thr Glu Ile Ile Val Lys Leu Ser Asp Gly Arg Glu
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214 ctcctgcgag tggcgctgct gtcctgtctc ctggtagccg ctggccggcg cgacgcagga 180
216 gcgtccgtgg ccactgaact gcgcgtccag tgctgcaga ccctgcaggg aattcacc 240
218 aagaacatcc aaagtgtgaa cgtgaagtcc cccggacccc actgcgccca aaccgaagtc 300
220 atagcccacac tcaagaatgg gcggaaagct tgcctcaatc ctgcattcccc catagttaag 360
222 aaaatcatcg aaaagatgtc gaacagtgc acatccaaact gaccagaagg gaggaggaag 420
224 ctcactggtg gctgttcctg aaggaggccc tgccttata ggaacagaag agggaaagaga 480
226 gacacagctg cagaggccac ctggattgtg cctaattgtt ttgagcatcg cttaggagaa 540
228 gtcttctatt tatttattta ttcatttagtt ttgaagattc tatgttaata ttttaggtgt 600
230 aaaataatcg agggatgtatgat taactctacc tgcacactgt cctattatat tcatttttt 660
232 tggaaatgtca accccaagtt agttcaatct ggattcatat ttaatttgaa ggttagatgt 720
234 tttcaatgt ttcactgtca ttatgttaat atttctgagg agcctgcac atgccagcca 780
236 ctgtataga ggctggcgga tccaagcaa tggccaatga gatcattgt aaggcagggg 840
238 aatgtatgtg cacatctgtt ttgttaactgt ttatgtatgt gtcagttgtt atttattgaa 900
240 atgatttcac agtgtgtggt caacatttct catgtgaaa cttaagaac taaaatgttc 960
242 taaaatatccc ttggacattt tatgtcttc ttgttaaggca tactgcctt gttatgtt 1020
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246 tataaaaata aagcacttat ag 1102
249 <210> SEQ ID NO: 7
250 <211> LENGTH: 73

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251 <212> TYPE: PRT
252 <213> ORGANISM: Homosapiens
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259 Gly Ile His Pro Lys Asn Ile Gln Ser Val Asn Val Lys Ser Pro Gly
260 20 25 30
262 Pro His Cys Ala Gln Thr Glu Val Ile Ala Thr Leu Lys Asn Gly Arg
263 35 40 45
265 Lys Ala Cys Leu Asn Pro Ala Ser Pro Ile Val Lys Lys Ile Ile Glu
266 50 55 60
268 Lys Met Leu Asn Ser Asp Lys Ser Asn
269 65 70
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273 <212> TYPE: PRT
274 <213> ORGANISM: Homosapiens
276 <400> SEQUENCE: 8
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281 <210> SEQ ID NO: 9
282 <211> LENGTH: 11
283 <212> TYPE: PRT
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293 <212> TYPE: PRT
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299 1 5 10 15
301 <210> SEQ ID NO: 11
302 <211> LENGTH: 8
303 <212> TYPE: PRT
304 <213> ORGANISM: Homosapiens
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311 <210> SEQ ID NO: 12
312 <211> LENGTH: 21
313 <212> TYPE: DNA
314 <213> ORGANISM: Gallusgallus
316 <400> SEQUENCE: 12
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320 <210> SEQ ID NO: 13
321 <211> LENGTH: 21

21

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Input Set : A:\PTO_VSK.txt
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322 <212> TYPE: DNA
323 <213> ORGANISM: Gallusgallus
325 <400> SEQUENCE: 13
326 gcttcagtca gcagagttgg g 21

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/811,162

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TIME: 13:15:19

Input Set : A:\PTO_VSK.txt

Output Set: N:\CRF3\08092001\1811162.raw

L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:31 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1